


Please type a plus sign (+) inside this box 



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number


PTO SB 08A (08-00)

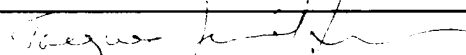
Approved for use through 10/31/2002 OMB 0651-0031

U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> Sheet <u>1</u> of <u>2</u>		Complete if Known	
		Application Number	09/904,620
		Filing Date	July 13, 2001
		First Named Inventor	Fjield et al.
		Group Art Unit	3774
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	TRANS 3.0-038B

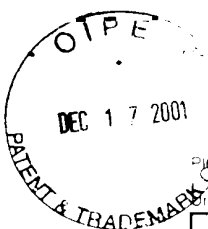
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A	5,575,766		SWARTZ ET AL	11/19/1996	
	B	5,582,609		SWANSON ET AL	12/10/1996	
	C	5,971,983		LESH	10/26/1999	
	D	5,630,837		CROWLEY	05/20/1997	
	E	5,620,479		DIEDRICH	04/15/1997	


FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office	Number ²	Kind Code ² (if known)				
	F	WO	99/02096		UNIV OF CA	01/21/1999		
	G	WO	98/52465		TRANSURGICAL	11/26/1998		

Examiner Signature		Date Considered	12/16/03
-------------------------------	---	----------------------------	----------

*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. See attached Kinds of U.S. Patent Documents. ² Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

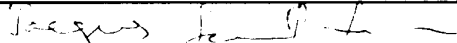


Please type a plus sign (+) inside this box 

PTO SB 08B (08-00)
Approved for use through 10/31/2002 OMB 0651-0031
U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

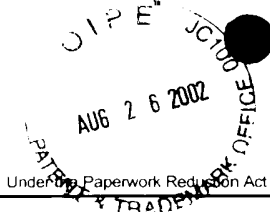
Substitute for form 1449A PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	09/905,227
		Filing Date	July 13, 2001
		First Named Inventor	Todd Fjeld
		Group Art Unit	3739
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	TRANS 3.0-038
Sheet	2	of	2

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No	Include name of the author (in CAPITAL LETTERS); title of the article (when appropriate); title of the item (book, magazine, journal, serial, symposium, catalog, etc); date; page(s); volume-issue number(s); publisher, city and/or country where published	TI
Hy	H	KRIMHOLTZ ET AL., "New Equivalent Circuits for Elementary Piezoelectric Transducers," Electronics Letters, Vol. 6, No. 13, pp. 398-399, June 25, 1970	
Hy	I	PANT, ET AL., U.S. Patent Application Serial No. 09/496,988; filed February 2, 2000.	
	J	PANT, ET AL., U.S. Patent Application Serial No. 09/532,614; filed March 22, 2000	

Examiner Signature		Date Considered	4/23/03
--------------------	---	-----------------	---------

*EXAMINER: Initial if reference considered; whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Unique citation designation number. *Applicant is to place a check mark here if English language Translation is attached.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/904,620
				Filing Date	July 13, 2001
				First Named Inventor	Todd Fjield
				Art Unit	3764
				Examiner Name	Not Yet Assigned
Sheet	1	of	4	Attorney Docket Number	TRANS 3.0-038B

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JFJ	AA	4,084,582	4/18/78	Nigam	
	AB	4,194,510	3/25/80	Proudian	
	AC	4,387,720	6/14/83	Miller	
	AD	4,841,977	6/27/89	Griffith <i>et al.</i>	
	AE	4,914,510	4/3/90	Proudian	
	AF	5,240,005	8/31/93	Viebach	
	AG	5,246,438	9/21/93	Langberg	
	AH	5,305,755	4/26/94	Nakao	
	AI	5,421,338	6/6/95	Crowley <i>et al.</i>	
	AJ	5,423,319	6/13/95	Seyed-Bolorforosh	
	AK	5,477,736	12/26/95	Lorraine	
	AL	5,488,955	2/6/96	Dias	
	AM	5,513,639	5/7/96	Satomi <i>et al.</i>	
	AN	5,596,989	1/28/97	Morita	
	AO	5,630,837	5/20/97	Crowley	
	AP	5,655,539	8/12/97	Wang <i>et al.</i>	
	AQ	5,704,361	1/6/98	Seward <i>et al.</i>	
	AR	5,720,287	2/24/98	Chapelon <i>et al.</i>	
	AS	5,762,066	6/9/98	Law <i>et al.</i>	
	AT	5,848,969	12/15/98	Panescu <i>et al.</i>	
	AU	5,916,170	6/29/99	Kolz <i>et al.</i>	
	AV	6,012,457	1/11/00	Lesh	
	AW	6,106,474	8/22/00	Koger <i>et al.</i>	
	AX	6,117,101	9/12/00	Diederich <i>et al.</i>	
	AY	6,164,283	12/26/00	Lesh	
	AZ	6,193,713	2/27/01	Geistert <i>et al.</i>	
JFJ	AAA	6,197,023	3/6/01	Muntermann	
	AAB	5,454,782	10/3/95	Perkins	

Examiner Signature		Date Considered	09/20/03
-----------------------	--	--------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/904,620
				Filing Date	July 13, 2001
				First Named Inventor	Todd Fjeld
				Art Unit	3764
				Examiner Name	Not Yet Assigned
Sheet	2	of	4	Attorney Docket Number	TRANS 3.0-038B

1/1	AAC	5,606,974	3/4/97	Castellano	
1/1	AAD	5,767,692	10/14/97	Sanghui	
1/1	AAE	5,840,031	11/24/98	Crowley	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ² -Number ³ -Kind Code ⁵ (if known)				
1/1	BA	WO 00/51511				
	BB	WO 00/51683				
	BC	WO 00/67648				
	BD	WO 00/67656				
	BE	WO 99/44519				

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
1/1	CA	U.S. Patent Application Serial No. 09/435,281	
	CB	U.S. Patent Application Serial No. 09/281,727	
	CC	U.S. Patent Application Serial No. 09/233,337	
	CD	U.S. Provisional Patent Application Serial No. 60/133,677	
	CE	U.S. Provisional Patent Application Serial No. 60/073,477	
	CF	U.S. Provisional Patent Application Serial No. 60/218,641	
	CG	ZIPES, DOUGLAS P., M.D., "Catheter Ablation of Arrhythmias, 1994.	
	CH	VOLKMER, MARIUS, M.D., "Focal Atrial Tachycardia from Deep Inside the Pulmonary Veins", 1997	
	CI	SWARTZ, JOHN F., "A Catheter-based Curative Approach to Atrial Fibrillation in Humans", 1994	
	CJ	HATALA, ROBERT, "Radiofrequency Catheter Ablation of Left Atrial Tachycardia Originating Within the Pulmonary Vein in a Patient with Dextrocardia", 1996	
1/1	CK	REUTER, DAVID, M.D., "Future Directions of Electrotherapy for Atrial Fibrillation," 1997	
	CL	MALLAVARAPU, CHRISTOPHER, "Radiofrequency Catheter Ablation of Atrial Tachycardia with Unusual Left Atrial Sites of Origin," 1996	
	CM	HAISSAGUERRE, MICHEL, M.D., "Right and Left Atrial Radiofrequency Catheter Therapy of Paroxysmal Atrial Fibrillation," 1996	

Examiner Signature	<i>[Signature]</i>	Date Considered	07/16/03
-----------------------	--------------------	--------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

AUG 26 2002

PTO/SB/08B (10-01)

Approved for use through 10/31/2002 OMB 0651-0031

U. S. Patent and Trademark Office U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

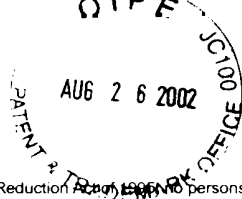
Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/904,620
		Filing Date	July 13, 2001
		First Named Inventor	Todd Fjeld
		Group Art Unit	3764
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	TRANS 3.0-038B
Sheet	3	of	4

JL	CN	J AIS, PIERRE, M.D., "A Focal Source of Atrial Fibrillation Treated by Discrete Radiofrequency Ablation," 1996	
	CO	ROBBINS, IVAN, M.D., "Pulmonary Vein Stenosis After Catheter Ablation of Atrial Fibrillation," 1998	
	CP	HAISSAGUERRE, MICHEL, M.D., "Predominant Origin of Atrial Panarrhythmic Triggers in the Pulmonary Veins: A Distinct Electrophysiologic Entity," 1997	
	CQ		
	CR	HAISSAGUERRE, MICHEL, M.D., "Spontaneous Initiation of Atrial Fibrillation by Ectopic Beats Originating in the Pulmonary Veins," 1998	
	CS	PRAGER, NELSON, A., "Long Term Effectiveness of Surgical Treatment of Ectopic Atrial Tachycardia," 1993	
	CT	HAISSAGUERRE, MICHEL, M.D., "radiofrequency Catheter Ablation in Unusual Mechanisms of Atrial Fibrillation," 1994	
	CU	KAY, G. NEAL, "Radiofrequency Ablation for Treatment of Primary Atrial Tachycardia," 1993	
	CV	TRACY, CYNTHIA M., "Radiofrequency Catheter Ablation of Ectopic Atrial Tachycardia Using Paced Activation Sequence Mapping," 1993	
	CW	SCHEINMAN, MELVIN, M., NASPE Survey on Catheter Ablation," 1995	
	CX	WALSH, EDWARD P., M.D., "Transcatheter Ablation of Ectopic Atrial Tachycardia in Young Patients Using Radiofrequency Current," 1992	
	CY	FELD, GREGORY K., "Radiofrequency Catheter Ablation for the Treatment of Human Type I Atrial Flutter," 1992	
	CZ	SWARTZ, JOHN, F., M.D., "Radiofrequency Endocardial Catheter Ablation of Accessory Atrioventricular Pathway Atrial Insertion Sites," 1993	
	CAA	LESH, MICHAEL, D., M.D., "Radiofrequency Catheter Ablation of Atrial Arrhythmias," 1994	
	CAB	VAN HARE, GEORGE, F., "Radiofrequency Catheter Ablation of Supraventricular Arrhythmias in Patients With Congenital Heart Disease: Results and Technical Considerations," 1993	
	CAC	CHINITZ, LARRY, A., "Mapping Reentry Around Atriotomy Scars Using Double Potentials," 1996	
	CAD	LIEM, L. BING, "In Vitro and In Vivo Results of Transcatheter Microwave Ablation Using Forward-Firing Tip Antenna Design," 1996	
	CAE	MONTENARO, SANDRO, ANNIBALE, "Electrograms for Identification of the Atrial Ablation Site During Catheter Ablation of Accessory Pathways," 1996	
	CAF	COSIO, FRANCISCO, G., "Atrial Flutter Mapping and Ablation II," 1996	
	CAG	O'CONNOR, BRIAN, K., "Radiofrequency Ablation of a Posteroseptal Accessory Pathway Via the Middle Cardia Vein in a Six-Year Old Child," 1997	
	CAH	GALLAGHER, JOHN, J., "Wolff-Parkinson-White Syndrome: Surgery to Radiofrequency Catheter Ablation," 1997	
	CAI	HSIEH, MING-HSIUNG, M.D., "Double Multielectrode Mapping Catheters Facilitate Radiofrequency Catheter Ablation of Focal Atrial Fibrillation Originating from Pulmonary Veins," 1998	
	CAJ	HOCINI, MELEZE, "Multiple Sources Initiating Atrial Fibrillation from a Single Pulmonary Vein Identified by a Circumferential Catheter," 2000	
JL	CAK	KUMAGAI, KOICHIRO, "Treatment of Mixed Atrial Fibrillation and Typical Atrial Flutter by Hybrid Catheter Ablation," 2000	

Examiner Signature	<i>Tacques Fjeld</i>	Date Considered	04/10/02
---------------------------	----------------------	------------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08B (10-01)

Approved for use through 10/31/2002 OMB 0651-0031

U. S. Patent and Trademark Office U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete if Known	
		Application Number	09/904,620
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	July 13, 2001
		First Named Inventor	Todd Fjeld
		Group Art Unit	3764
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	TRANS 3.0-038B
Sheet	4	of	4

<input checked="" type="checkbox"/>	CAL	LESH, M.D., "An Anatomic Approach to Prevention of Atrial Fibrillation: Pulmonary Vein Isolation with Through-the-Balloon Ultrasound Ablation (TTB-US), 1999	
<input type="checkbox"/>	CAM	HAISSAGUERRE, MICHEL, "Electrophysiological End Point for Catheter Ablation of Atrial Fibrillation Initiated From Multiple Venous Foci," 1999	
<input type="checkbox"/>	CAN	HOCINI, MELEZE, "Concealed Left Pulmonary Vein Potentials Unmasked by Left Atrial Stimulation," 2000	
<input type="checkbox"/>	CAO	CHEN, SHIH-ANN, M.D., "Initiation of Atrial Fibrillation by Ectopic Beats Originating From the Pulmonary Veins," 1999	
<input type="checkbox"/>	CAP	MOUBARAK, JEAN, B., "Pulmonary Veins-Left Atrial Junction: Anatomic and Histological Study," 2000	
<input type="checkbox"/>	CAQ	LIN, WEI-SHIANG, M.D., "Pulmonary Vein Morphology in Patients with Paroxysmal Atrial Fibrillation Initiated by Ectopic Beats Originating From the Pulmonary Veins," 2000	
<input checked="" type="checkbox"/>	CAR	IGAWA, OSAMU, "The Anatomical Features of the Junction between the Left Atrium and the Pulmonary Veins: The Relevance with Atrial Arrhythmia, "	

Examiner Signature		Date Considered	08/25/03
-----------------------	--	--------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional) ²Applicant is to place a check mark here if English language Translation is attached.